TOTE80 886h60

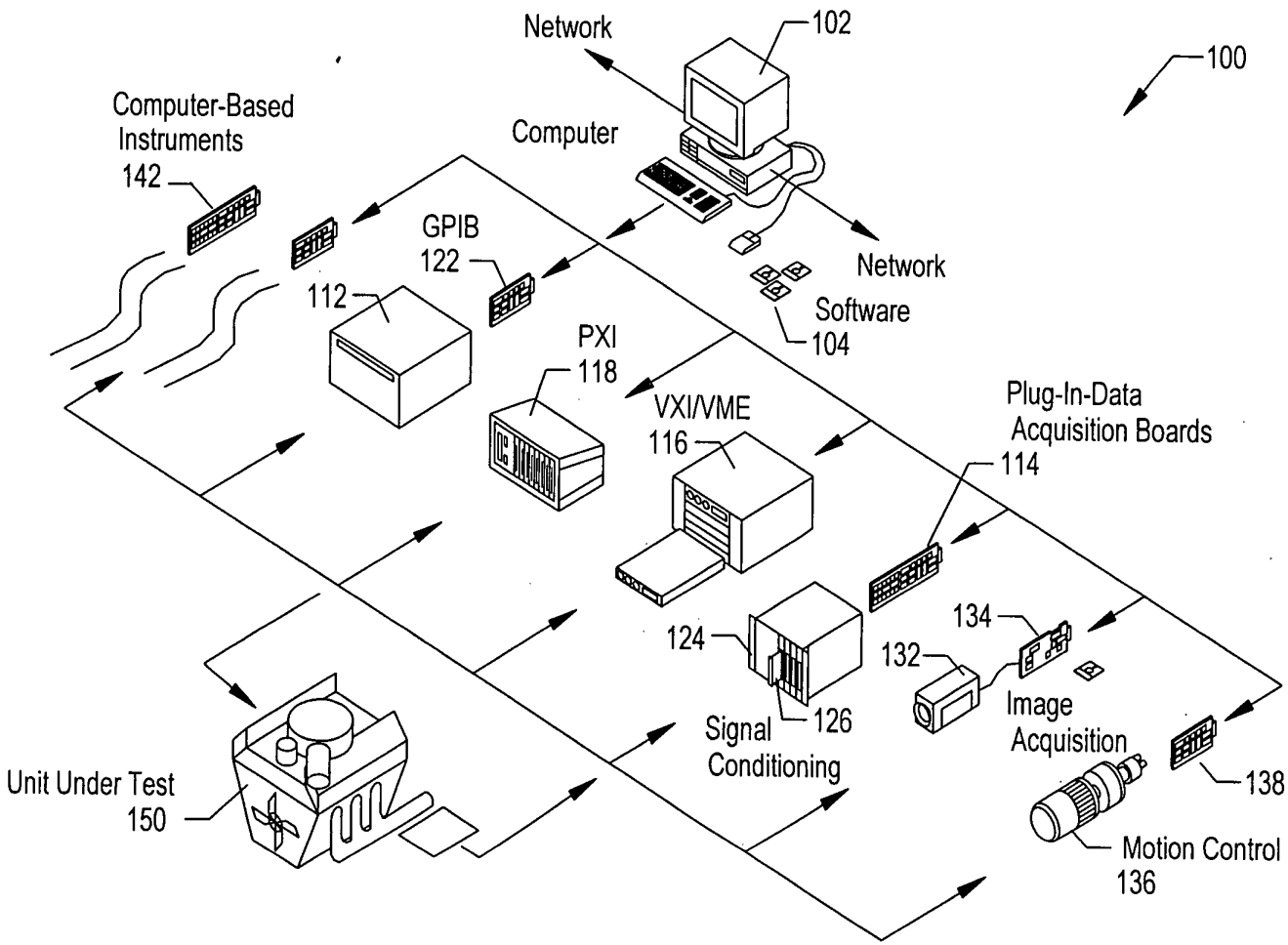


FIG. 1

TOTE80 8866h660

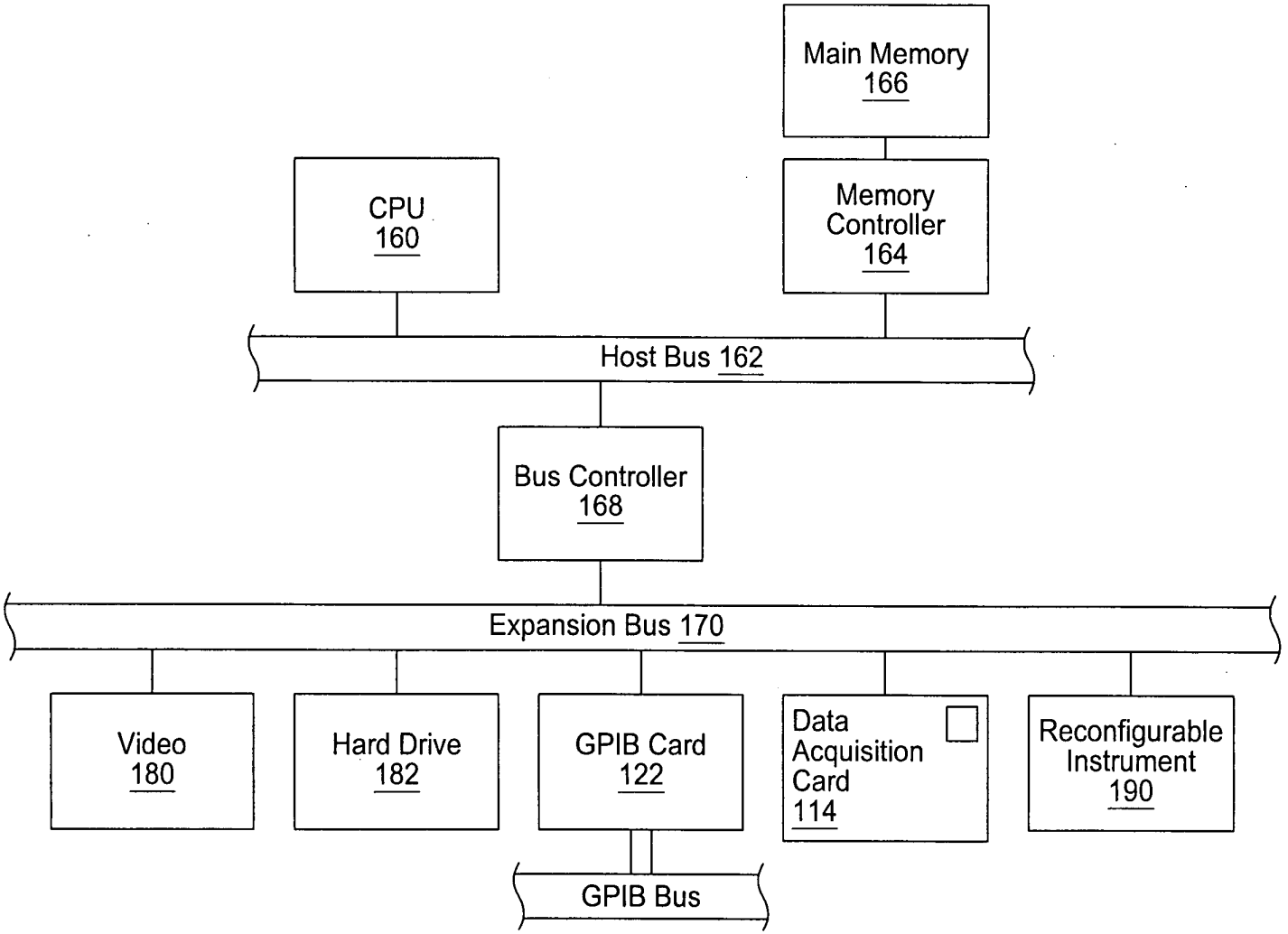
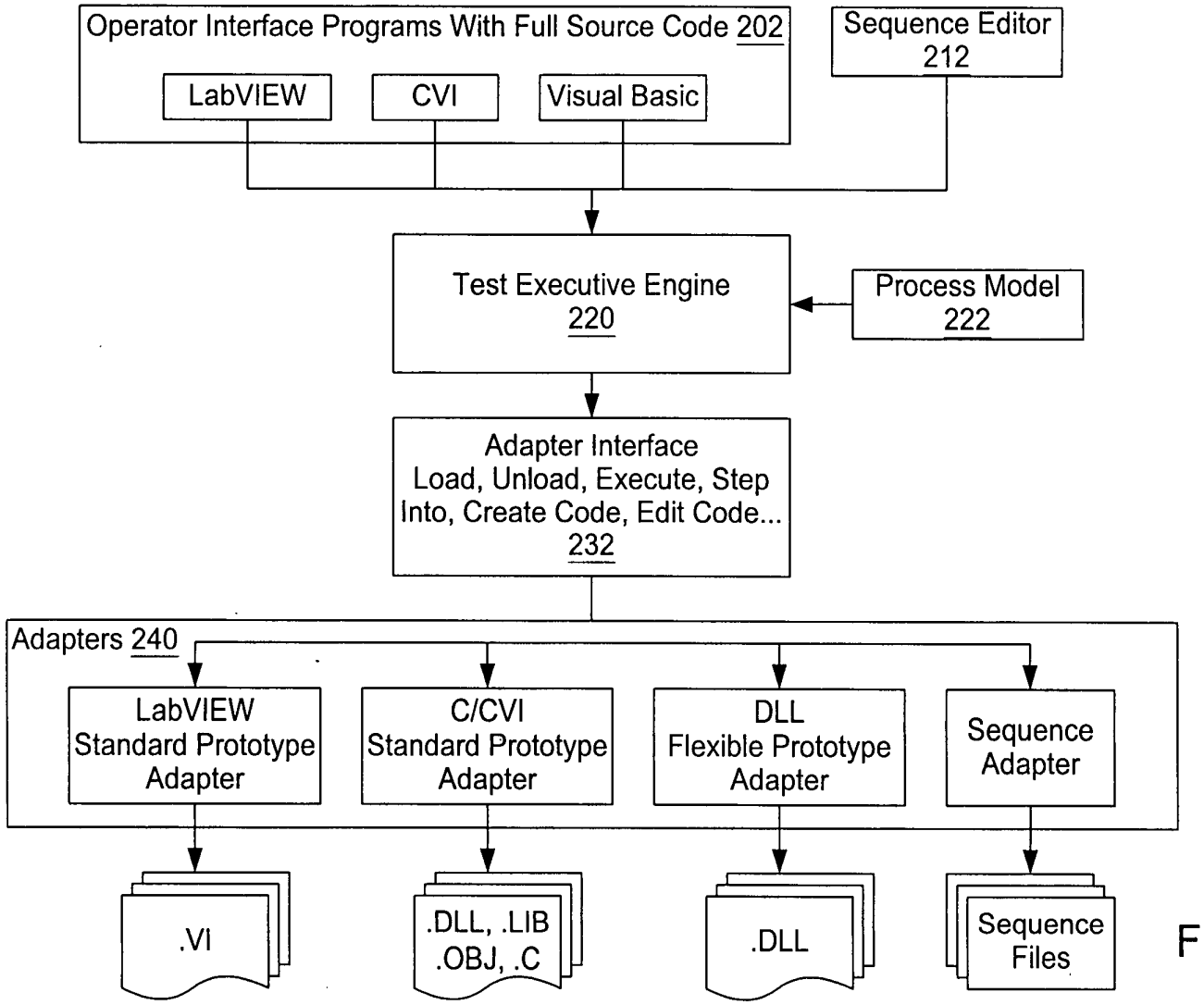


FIG. 2


Operator Interface Programs With Full Source Code 202
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Visual Basic
Sequence Editor 212
Test Executive Engine 220
Process Model 222
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Adapters 240
LabVIEW Standard Prototype Adapter
C/CVI Standard Prototype Adapter
DLL Flexible Prototype Adapter
Sequence Adapter
.VI
.DLL, .LIB .OBJ, .C
.DLL
Sequence Files

FIG. 3

Best Available Copy

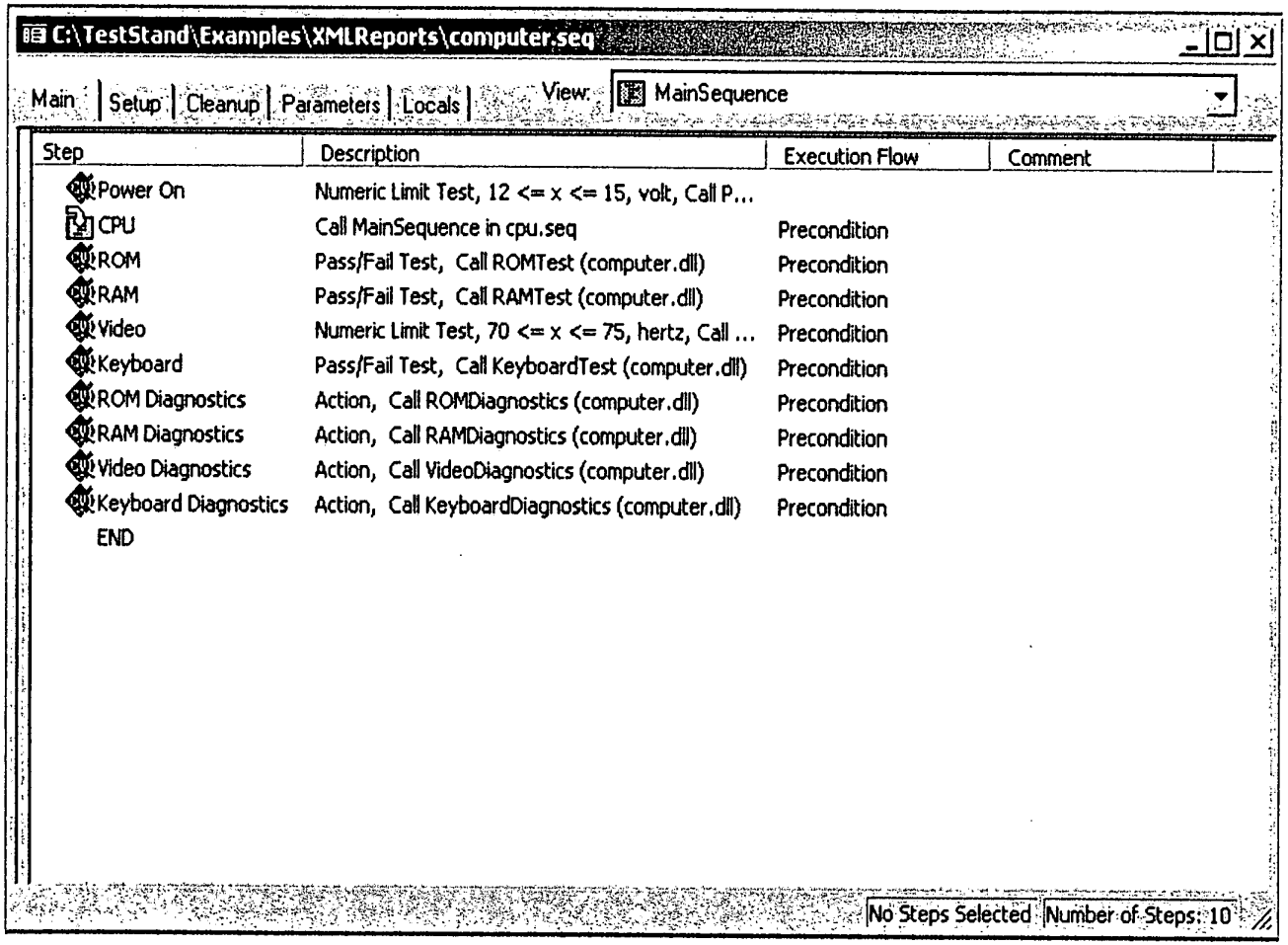

FIG. 4

TOTEBO" 886Eh660

Best Available Copy

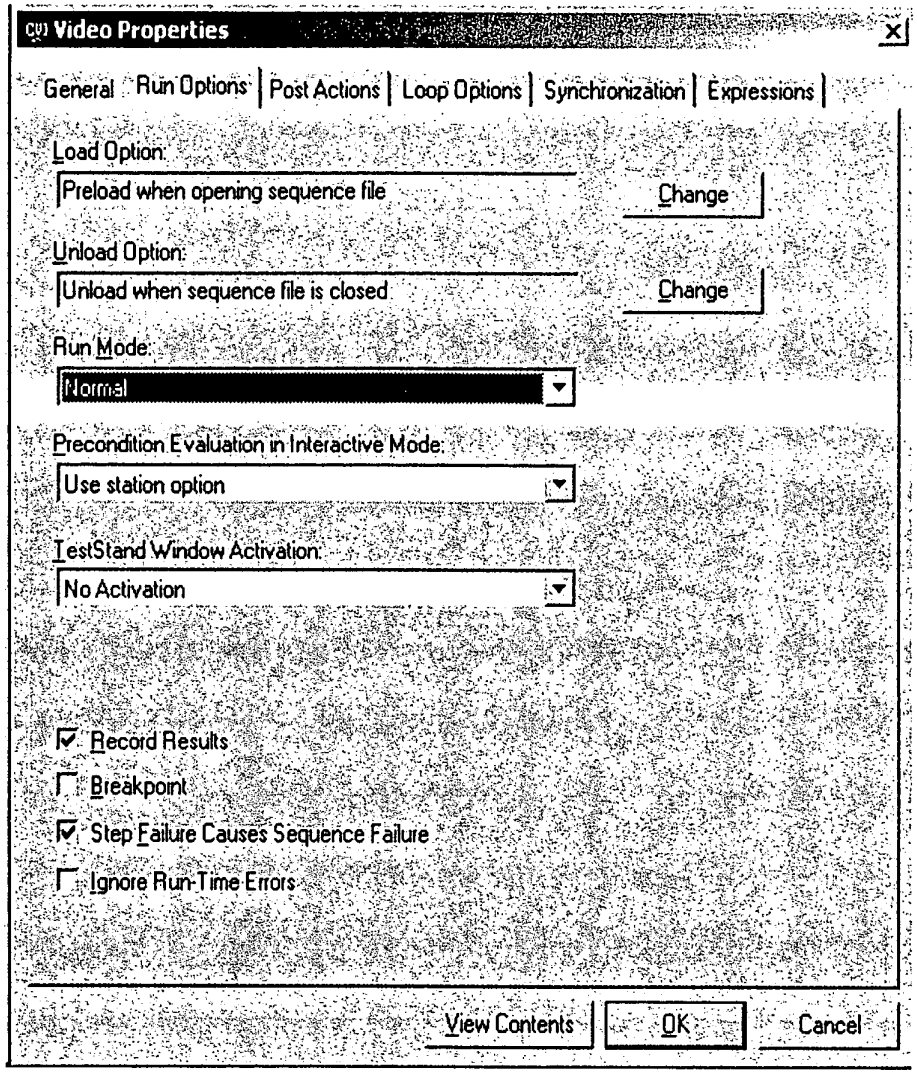

FIG. 5

TOTE80 BB62h660

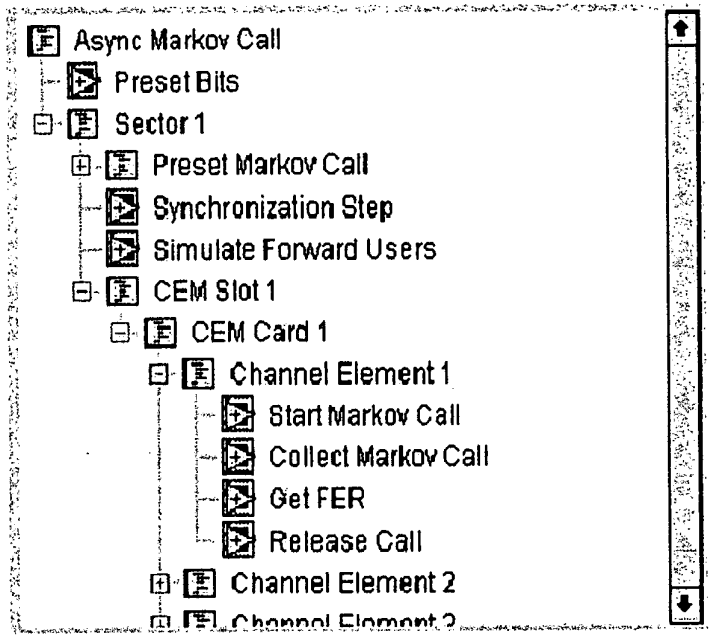

FIG. 6

NATIONAL INSTRUMENTS CORPORATION

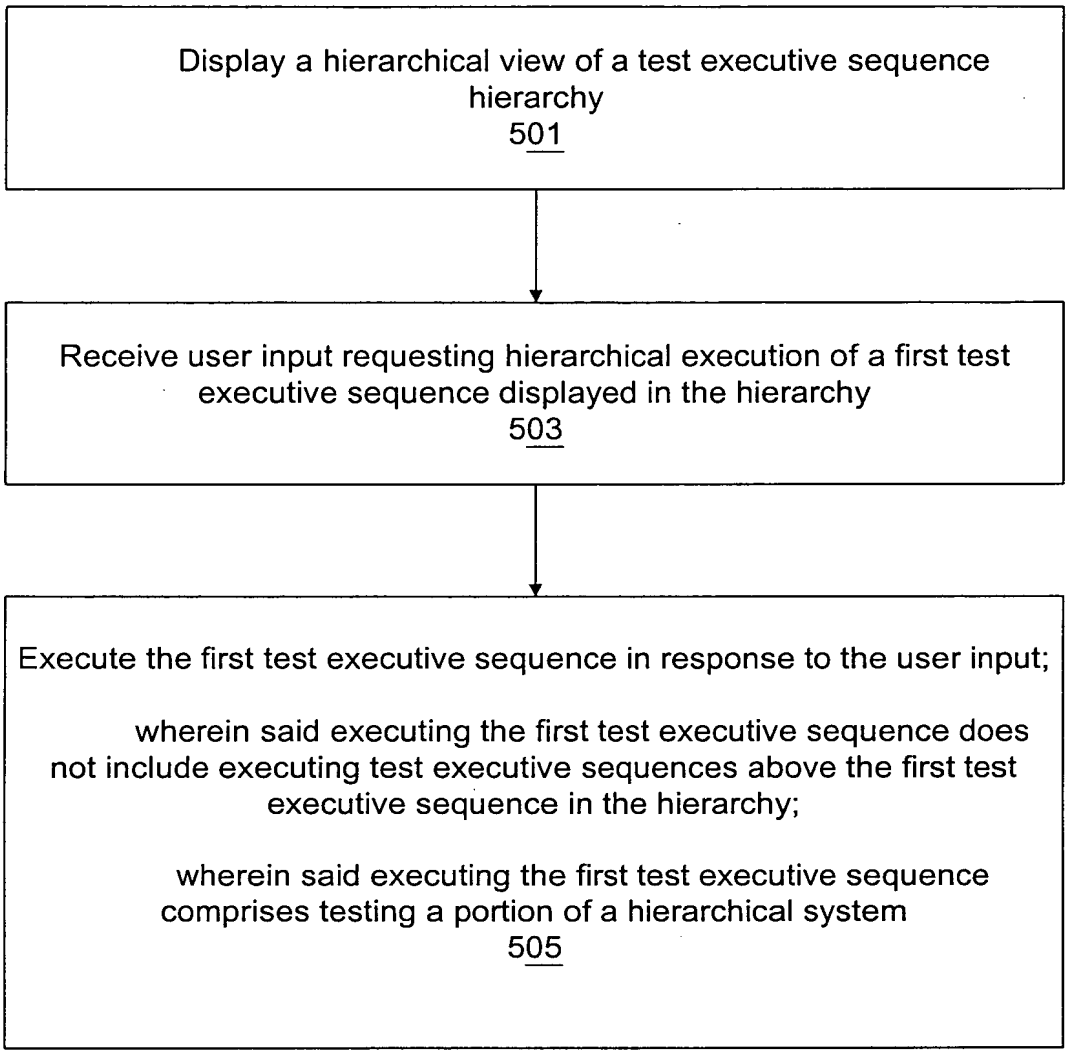

FIG. 7

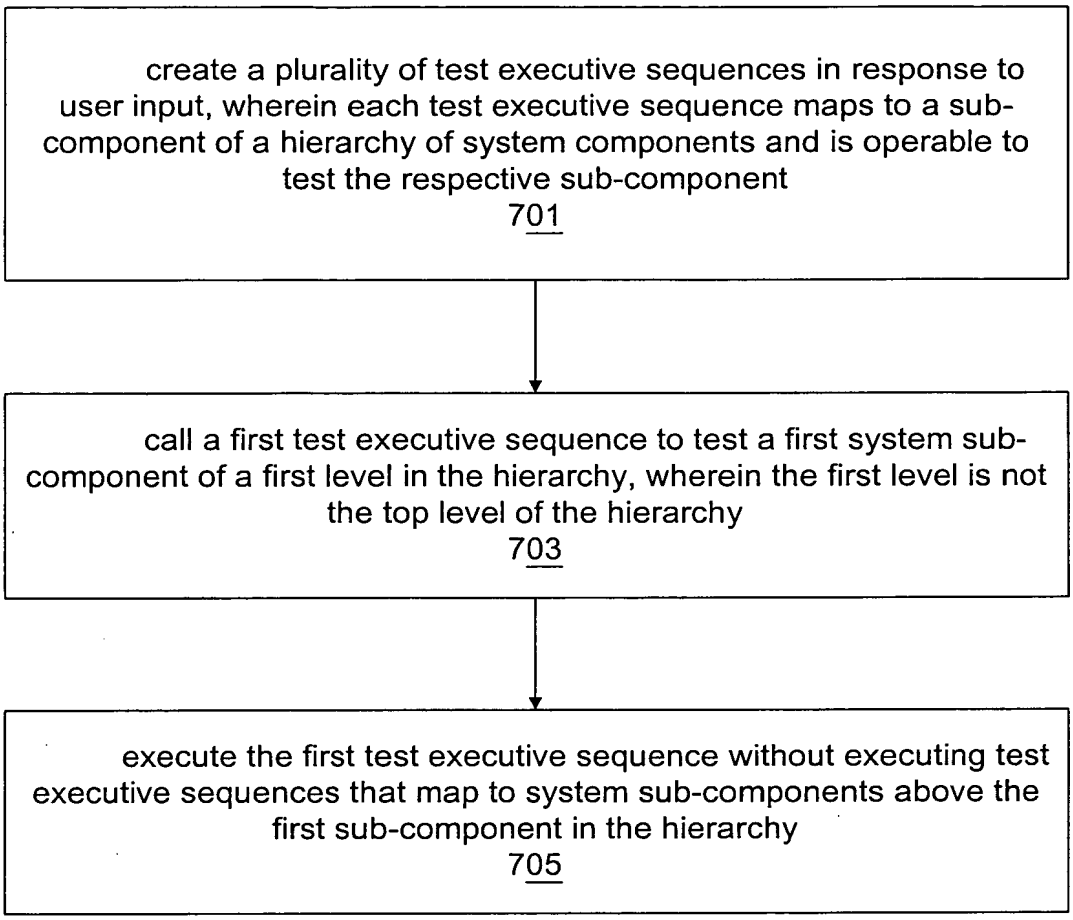
create a plurality of test executive sequences in response to user input, wherein each test executive sequence maps to a sub-component of a hierarchy of system components and is operable to test the respective sub-component
701
call a first test executive sequence to test a first system sub-component of a first level in the hierarchy, wherein the first level is not the top level of the hierarchy
703
execute the first test executive sequence without executing test executive sequences that map to system sub-components above the first sub-component in the hierarchy
705

FIG. 8

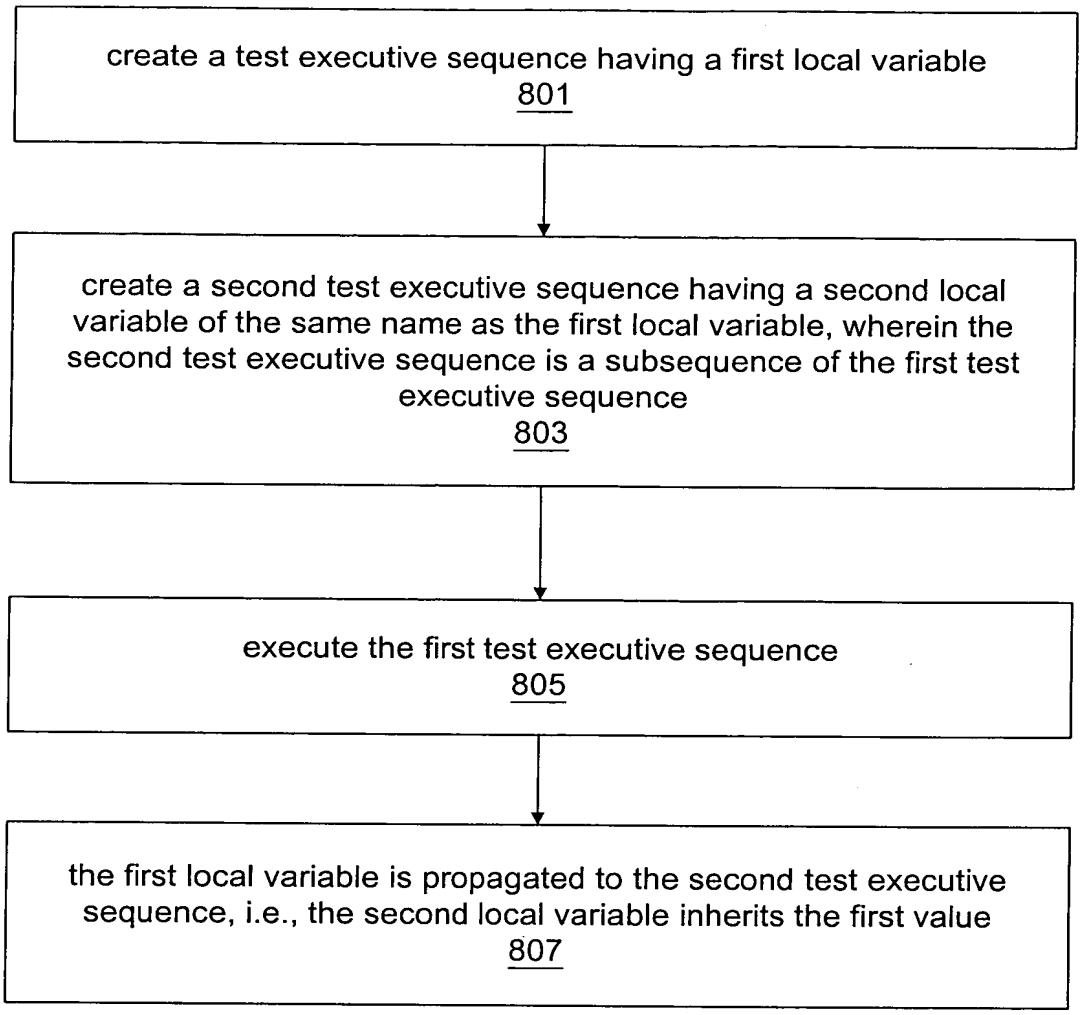
create a test executive sequence having a first local variable
801
create a second test executive sequence having a second local variable of the same name as the first local variable, wherein the second test executive sequence is a subsequence of the first test executive sequence
803
execute the first test executive sequence
805
the first local variable is propagated to the second test executive sequence, i.e., the second local variable inherits the first value
807

FIG. 9